

**Waste Water Advisory Council- Drinking Water Advisory Council  
Joint Meeting  
Draft Meeting Agenda  
June 12, 2018, 10 a.m. – 12 p.m. ET  
300 Sower Boulevard, Training Room C  
Frankfort, Kentucky**

- Introductions
- Announcements
  - Aaron Keatley retirement
  - Andrea Keatley resignation
  - Tom Gabbard retirement
  - Tony Hatton, appointment
  - Advertising position for AD, WQB Mgr, Scientist Consultant in Director's Office
- Comments from Commissioner Tony Hatton
- Review Agenda
- Joint WWAC & DWAC December 2017 & March 2018 Meeting Minutes
- Sub-committees Assignments & Action Items
  - WWAC
    - Nutrients (Brian Bingham)
    - Small Systems (Gary Larimore)
    - Compliance (Sarah Gaddis)
  - DWAC
    - Compliance/Regulations (Kim Padgett)
    - Source Water Protection (Jack Stickney)
  - Joint Sub- Committee: Water Reuse (Annette DuPont-Ewing)
  - Joint Sub- Committee: Infrastructure Sustainability (Donna McNeil)
  - Joint Sub- Committee: Operator Recruiting & Development (Amanda LeFevre)
  - Sub-committee assignments
- Regulation Update (DOW)
  - Chapter 8 status
  - Chapter 5 status
  - Triennial Review status(Chapter 10)
- Legislation Update (Pete Goodman)
  - HB 513 Summary
- HUB Utility discussion (Pete Goodman)
- Infrastructure Initiative (Pete Goodman)
- PFOA National Leadership Summit Update (Pete Goodman)
- Other Issues from Council members & staff
- Public Comments (at discretion of Chair)
- Next meeting- September 11, 2018

# MEETING SIGN-IN SHEET

Joint Drinking Water & Wastewater Committee Meeting

Meeting Date: 06/12/2018

Facilitator: Peter Goodmann

Place/Room: 300 Sower Blvd

Name (Please Print)	Company	E-Mail
Donna McNeil	KIA	DonnaMcNeil@ky.gov
John Lyons	PSC	johw.lyons@ky.gov
Justin Sensibaugh	Kentucky American	justin.sensib@kentuckyamerican.com
David Peterson	CEA	david@ceawater.com
Alan Todd	KWWOR	Atodd@madisonville.gov.com
John Dix	WRWD	JOHND@WARRENWATER.COM
Amy Kennedy	Buffalo Trace ADD	akennedy@btadd.com
Valerie Lucas	KY-TN WEA	valerie.lucas@KYTNWEA.ORG
Kimberly McKay	USDA-RD	Kimberly.mckay@ky.usda.gov
Arianna Lageman	KRWA	a.lageman@krwa.org
Ed Fortner	BMU	Fortner@BMU.KY.GOV
Justin Reynolds	RLAP	jreynolds@capky.org
Mark Snave	ACEC-KY	Mark.Snave@strand.com
Amanda LeFevre	DCA	amanda.lefevre@ky.gov
Sarah Jo Gaddis	Dow	sarah.gaddis@ky.gov
Mike Gardner	BGMU	mgardner@bgmu.com
Rob Blair	Dow	robert.blair@ky.gov
Jennifer Carey	LEXCO	jcarey@lexingtonky.gov
Jessica Wilhoite	DCA	jessica.wilhoite@ky.gov

## MEETING SIGN-IN SHEET

## Joint Drinking Water & Wastewater Committee Meeting

**Meeting Date:** 06/12/2018

**Facilitator:** Peter Goodman

Place/Room: 300 Sower Blvd

[illegible]

**Waste Water Advisory Council- Drinking Water Advisory Council  
Joint Meeting  
Draft Meeting Minutes  
December 12, 2017, 10 a.m. – 12 p.m. ET  
300 Sower Boulevard, Training Room C  
Frankfort, Kentucky**

**Attendees:** Paulette Akers(DCA), Jory Becker(DOW), Brain Bingham(MSD), Rob Blair(DOW), Claude Carothers(DOW), Daniel Cleveland(EEC-OGC), John Dix(WCWD), Erin Donges(PSC), Annette Dupont-Ewing(KMUA), Ed Fortner(BMU), Tom Gabbard(DOW), Sarah Gaddis(DOW), Mike Gardner(BGMU), Peter Goodman(DOW), Tony Hatton(DEP), Gary Larimore(KRWA), John Lyons(PSC), Donna McNeil(KIA), Russell Neal(DOW), Kim Padgett(RCAP), David Peterson(CEA), Jackie Quarles(EEC-OGC), Roger Recktenwald(KACo), Brain Rice(PSC), Russ Romine(ACEC-KY), Kay Sanborn(KY/TN AWWA), Bruce Scott(EEC), Charles Snavely(EEC), Mark Sneve(ACEC-KY), Greg Stacy(SD1), Jack Stickney(KRWA), Mary Carol Wagner(NKWD), Mike West(EEC-OGC), Jessica Wilhoite(DCA)

**Announcements** were accepted from the floor for those in attendance.

**Agenda** The agenda was presented and accepted by consensus.

**Joint WWAC & DWAC September 2017 Meeting Minutes:** The September minutes were accepted with the addition of adding Kay Sanborn(KY/TN AWWA) who was omitted from the submitted draft.

**Regulation Update (DOW)** Several Items were discussed, including but not limited to Stage 1 DBP rule, Chapter 4 possible revision beginning in April, Chapter 11 possible change.

**HJR 56 Update (Pete Goodman)**

**Lead Workgroup Update (Tom Gabbard)** The Lead workgroup is preparing to address the EPA Cooperative Federalism effort in the upcoming weeks scheduled for early January offering a sixty (60) day window for comments through cooperative federalism (in which national, state, and local governments interact cooperatively and collectively giving comments.

**Contingency Plans (Pete Goodman & Tony Hatton)** - The identification of environmental emergencies and/or an interruption of services were discussed. The use of emergency water sources and the protocol for the declaration for an emergency were addressed.

**Sub-committees Assignments & Action Items**

- WWAC
  - Nutrients (Brian Bingham) – No Report
  - Small Systems (Gary Larimore) – No Report
  - Compliance (Sarah Gaddis) – A conference call was slated for Jan 10<sup>th</sup> for the subcommittee. The development of training videos broadcasted on You Tube is in the developmental phase. Upcoming field certification in Hawesville & KRWA Workshop Source Water Wokshop
- DWAC
  - Compliance/Regulations (Kim Padgett) – No Report

- Source Water Protection (Jack Stickney) – No Report
- Joint Committee: Water Reuse (Annette DuPont-Ewing) Met on Oct 13th
- Joint Committee: Infrastructure Sustainability (Donna McNeil) Meeting slated for Feb 7 @ 9 a.m.
- Joint Committee: Operator Recruiting & Development (Paulette Akers) – Meet Sep 12 provided information on the apprenticeship program in collaboration with DOL.

**Public Comments at discretion of Chair** – Several items were acknowledged. The Safe Water Drinking Act, Drinking Water Improvement act of 2017 and adding Lab Certification to agenda

**Next meeting** – March 13, 2018

**Waste Water Advisory Council- Drinking Water Advisory Council  
Joint Meeting  
Draft Meeting Minutes  
March 13, 2018, 10 a.m. – 12 p.m. ET  
300 Sower Boulevard, Training Room C  
Frankfort, Kentucky**

**Attendees:** Sara Anderson, Jory Becker, Angela Billings, Robert Blair, Chloe Brantley, Joe Burns, Claude Carothers, Carole Catalfo, Daniel Cleveland, John Dix, Erin Donges, Ed Fortner, Tom Gabbard, Sarah Gaddis, Mike Gardner, Greg Heitzman, Valerie Lucas, Charlie Martin, Kimberly McCay, Donna McNeil, Russell Neal, David Peterson, Roger Recktenwald, Brain Rice, Julie Roney, Kay Sanborn, Mark Sneve, Robin Snider, Joe Uliasz, Mary Carol Wagner

**Call to Order:** The meeting was called to order by Tom Gabbard at 10:06 a.m.

**Review Agenda** The agenda was accepted by consensus.

**Approve Previous Meeting Minutes:** The September 2017 minutes were provided. This was an error, the draft minutes for December 2017 were not available. The December Minutes will be approved at the next meeting.

**Regulation Update (DOW)** Tom Gabbard and Carole Catalfo provided updates on the following

- Chapter 8 status
- Chapter 5 schedule- the anticipating filing in April therefore comment period will possibly be May 1 – May 31 and ARRS in Aug 2018
- Triennial Review schedule and issues (Chapter 10) – Apr 15 – May 31 public preview, with informal comments accepted prior to the filing. The filing is aimed for July 2018

**Legislation Update (DOW)** Tom Gabbard and Carole Catalfo provided updates on the following

- HB 513 (HJR 56)
- SB 151

**Lead Workgroup Recommendations (Greg Heitzman)**

**Sub-committees Assignments & Action Items** Tom Gabbard requested that the subcommittee chairs provide notes to the council of their meetings and updates. Each Sub Committee Member list was updated with the subcommittee report.

- WWAC
  - Nutrients (Brian Bingham) - A meeting is forthcoming in May 2018 for this committee
  - Small Systems (Gary Larimore)
  - Compliance (Sarah Gaddis) – see attached note
- DWAC
  - Compliance/Regulations (Kim Padgett) – discussed the distribution of public notification
  - Source Water Protection (Rob Blair) -
- Joint Committee: Water Reuse (Jory Becker)
- Joint Committee: Infrastructure Sustainability (Donna McNeil) -
- Joint Committee: Operator Recruiting & Development (Amanda Leferve)

- Sub-committee assignments

**Other Issues from Council Members & staff** Questions in reference to DBP Sampling were addressed. Peter has the Letter concerning this matter.

**No Public Comments**

**Meeting Adjourned @ 12:43 p.m.**

**Next meeting- June 12, 2018**

DRAFT

Waste Water Advisory Council- Drinking Water Advisory Council

Joint Meeting

Sub Committee Reports

March 13, 2018, 10 a.m. – 12 p.m. ET

**WW Compliance Committee Update – Sarah Gaddis Waste Water**

Committee met via Conference Call 01/10/18.

- Update from WWLC regarding Field Only Certification requirements. Noted that changes may be coming, but none at this time.
  - Training videos
    - Researching existing training videos for good models
    - Possible topics:
      - pH calibrations
      - Documentation
      - Meter verification and maintenance
      - Chlorine (specifically chlorine PTs)
    - DCA to provide software and program support for video creation.
  - Peer-to-Peer Training @ regional facilities
    - WWLC to report back about common deficiencies – what prevents certification? What are typical failure points on PTs?
    - Identify who needs training:
      - WWLC deficiencies
  - Permit training (“Inside Your KPDES Permit”)
    - Collaborative effort: DOW, DCA, facilities and other stakeholders (KRW and others?)
    - Identify who needs training
      - DMR violations
      - Inspection violations
- 

**Infrastructure Sustainability Report: - Donna McNeil**

- Several Capacity Development Workgroup meetings had been postponed due to weather conditions since last report in September.
- The next scheduled meeting is March 20, 2018.

- A new workgroup for asset management is being formed that Joe Burns has agreed to chair. Suggestions for Asset Management Workgroup members is to be sent to Donna McNeil or Joe Burns.
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#### Water ReUse

The committee has met twice by teleconference.

The committee has participated in research regarding other states practices re-using effluent. These can be summarized by the "purple Pipe" approach used in Florida and an urban re-use concept employed in California. Both of these are not related to indirect potable re-use. Since forming the committee, DOWs drinking water regulations have been revised. The committee does not currently have recommendations on a policy approach for indirect potable re-use in Kentucky.

Thanks,

Jory

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#### Compliance/Regulation Drinking Water – Kim Padgett

The Compliance and Regulations Committee met February 28, 2018 to discuss the following items.

- 1) Status of the Compliance Committee's recommendation to allow multiple DBP samples to be taken and averaged in a given quarter. Several systems have already contacted DOW regarding taking additional samples. Peter Goodman is reviewing the notification letter which will be sent to all water systems.
- 2) Compliance and public notification process

More than ever before, our water systems are getting more scrutiny by the press and various public interest groups. Systems are frequently questioned as to why the public is being notified for a violation that occurred six months ago. Those of us in the business understand; but the public and media are typically uninformed and special interest groups are commonly disingenuous when reporting.

**DOW:** Inform the group about the compliance process, statistics on violations issued and the challenges they face.

**Committee:** Compile public relations ideas and identify ways to reduce violations that will benefit systems and DOW.

# **Source Water Protection Sub-committee Introductory Meeting**

**March 1<sup>st</sup>, 2018**

## **Introductions:**

Jack Stickney – KRWA  
Steven Evans – Assistant Director, KWRRI  
Ed Fortner – Utilities Director Berea, KY  
Dorothy Rader – Water Quality, KY American Water  
Mary Caryl Wagner – Water Quality Manager, NKY Water District  
Chloe Brantley – Water Supply Section Supervisor, Division of Water  
Suzette Walling – UK Agricultural Extension  
Melissa Melton – RCAP  
Brad Lee – UK Agricultural Extension  
Laura Norris – Water Supply Section, Division of Water  
Russ Evans – OMU/Water Quality Lab  
Brent Tippey – HDR Inc.  
Earl Coffey – Danville City Engineer  
Allan Shingleton – Water Supply Section, Division of Water  
Russ Rose – Oldham County Water District  
Chris Gohman – Hardin County Water District 1  
Amanda Spalding – Hardin County Water District 1

## **Purpose of SWP Sub-Committee/Comments/General Discussion:**

- Will this group be charged with a specific task by the DOW Director, as other sub-committees have been charged within the Drinking Water and Wastewater Advisory Council?
- What is purpose of this group?
  - Sharing BMPs/Management strategies
  - Discuss emerging issues
  - Collaboration between different agencies
  - Input on regulation modification
- Is implementation of management strategies or regulatory foundation the focus of this SWP sub-committee?
  - Jack – both
- What can this committee do to help benefit the utilities?
  - Discuss BMPs and management strategies rather than looking at the regulatory view
- Regulatory:
  - This group has potential to provide input to the updates of the 4:220 Water Supply Planning regulation and updates of source water assessment and protection plans.
- Consider a holistic and collaborative approach among utilities across the state when revising regulations and moving toward the future of Source Water Protection.
  - Focus on management practices with various tools, regulatory being one of those, however not the only one.
    - Cannot be solely a regulatory “checkbox” mentality to achieve SWP

- Strong need for a “one stop shop” for utilities to obtain near real-time data and access to all source water protection information
  - WRIS would be the ideal place to host these needs/data
  - Important in the event of a time sensitive emergency (HABs, spills, etc)
  - Current web-mapping set up is cumbersome for users
    - Various documents
    - “Hidden data” needs to be more accessible
- Utilities/users need various maps/data in one location
  - WRIS portal needs to be more interactive for users and an adaptive resource
  - Support for portal to incorporate real-time water quality data
  - Level of discomfort from some utilities with CSI’s and other water system information being readily available to public (terrorism)

### **Goals for Sub-Committee:**

- Develop mission statement and action plan for sub-committee
  - Set interim goals to achieve over time
- Stakeholder engagement process
  - Surveying interests with SWP
  - Compare notes with other boards (water resources board) – do they have similar interests and goals? Should they be part of this discussion?
  - Avoid re-inventing the wheel
- How to set target goals that will benefit utilities of all sizes?
  - Changes to WRIS portal & web-mapping capabilities is a good starting point
- Create a list of ag contacts to use as a clearinghouse for contacts if utility has an ag issue in a region
- Potential to use 319 program to compare what watershed plans overlap w/ 319 funding to prioritize next projects
  - Funding is beneficial for SWP initiatives, especially for smaller utilities

### **Potential partners/collaboration:**

- The USACE, NRCS, and agriculture representatives should be a stakeholder in this sub-committee
- Developing relationships between agriculture and utilities
  - Strong need for their input/collaboration
  - Initiate discussion on how agricultural practices may affect local water supply
  - How do we get farmers and large ag groups to commit and connect to SWP initiatives
- Ideology needs to be geared away from regulatory approach, but to bring in educational measures
- Water Resources board is currently working with ag stakeholders to implement BMPs and big picture ideas
  - Share meeting minutes. Is there any cross-over between these groups?
  - Include as a stakeholder
  - Potential to send SWP sub-committee to their meeting and vice versa?

### **Post Meeting thoughts:**

The DOW Director may ask the SWP Sub-Committee in the future to weigh in on evaluating new water sources (whether primary, back up or emergency). This could be a potential topic for the next meeting.

**Resources:**

**Kentucky DOW Source Water Protection Story Map:**

<https://kygis.maps.arcgis.com/apps/MapSeries/index.html?appid=7496a20a4f0a413985cd1213c4be9b25>

**Kentucky DOW Water Supply Planning Regulation KAR 4:220:**

<http://www.lrc.state.ky.us/kar/401/004/220.htm>

**KIA WRIS Portal:** <https://kia.ky.gov/WRIS/Pages/WRIS-Portal.aspx>

# Operator Certification Workgroup

## Alternate Staffing Plans

May 23rd, 2018

- Asked about trying to get someone from PSC to attend
- DOW should consider enforcing these staffing regulations.
- In staffing plans they need to explain why they need to vary from the rules. Is this a need or a want?
- There is a need to educate PSC and public officials on the importance of operators and their impacts on public health.
- What level would we require for staffing a plant? General consensus is that an operator without a license is not acceptable. Should we require staffing at a certification level at least one below the required level or would a plan that outlines someone at a lower level and the steps that they will take in attaining a higher level.
- Can OIT be changed in order to help water as a tool?
- Can we require them to take the California state classes or other op cert classes to ensure that they have baseline knowledge?
- Facilities will need to document their training and educational progress for trainees and provide updates to DOW.
- DCA will contact Wayne Begin about the inclusion of facility staff info into ARM. Wayne had a suggestion on where to house, but the conversation needs to be revived.
- Current Alternate Staffing Plan Checklist was sent out to workgroup members to begin editing.

June 4<sup>th</sup>, 2018

- Began amending Alternate Staffing Plan Checklist.
- Require proof of steps taken to attain a properly certified operator.
- Provide pay scale, current budget and rate structure of facility.
- Provide surrounding facilities pay scale.
- Take compliance history of the system into account for approving ASP.
- Require Signature of governing body or person so they are aware of the deficiency.
- Joe to put edits into current ASP checklist for review at next meeting.

# DRINKING WATER ADVISORY COMMITTEE 2018 STAKEHOLDERS & MEMBERS

**ACEC-KY**  
*Brent Tippey*

**ADD'S**

**DCA**

*Amanda LeFevre*

**DOP**

*David Moore*

**DOW**

*Peter Goodman*

**DPH**

*Jennifer Burt*

**KACO**

*Roger Recktenwald*

**KIA**

*Donna McNeil*

**KLC**

*Rusty Cress*

**KMUA**

*Annette Dupont-  
Ewing*

**KRWA**

*Gary Larimore*

**KTAWWA**

*Kay Sanborn*

**KWWOA**

*Julie Roney*

**Private System**

*Justin Sensabaugh*

**PSC**

*John Lyons*

**RCAP**

*Kim Padgett*

**Rural Development**

*Anthony  
Hollinsworth*

**System Small**

*Josh Stinson*

**System Medium**

*John Dix*

**System Medium**

*Mike Gardner*

**System Large**

*Rengao Song*

# WASTEWATER ADVISORY COMMITTEE 2018

## STAKEHOLDERS & MEMBERS

**ACEC-KY**  
*Russ Romine*

**ACEC-KY**  
*Mark Sneve*

**DCA**  
*Amanda Lefevre*

**DOW**  
*Peter Goodman*

**KACO**  
*Roger Recktenwald*

**KIA**  
*Donna McNeil*

**KLC**  
*Rusty Cress*

**KMUA**  
*Annette Dupont-Ewing*

**KRWA**

**KRWA**

**KTWEA**  
*Valerie Lucas*

**KWWOA**  
*Lisa Detherage*

**KWWOA**  
*Alan Todd*

**PSC**  
*John Lyons*

**System Small**  
*Ed Fortner*

**System Small**  
*David Peterson*

**System Medium**  
*Mike Gardner*

**System Large**  
*Brian Bingham*

**System Large**  
*Jennifer Carey*

**System Large**  
*Charlie Martin*

**System Large**  
*Mark Wurschmidt*

## DWAC

Chair: Peter Goodmann

### Compliance/Regulations

Chair: Kim Padgett

Brain Bourne  
Joe Burns  
Erin Donges  
Terry Hendrick  
Ryan Leisey  
Donna McNeil  
Vince Monks  
Dorothy Rader  
Mike Sanford  
Josh Stinston  
Joe Uliasz  
Mary Carol Wagner

### Source Water Protection

Chair: Jack Stickney

Rob Blair  
Chloe Brantley  
Earl Coffey  
Russ Evans  
Steve Evans  
Mike Flynn  
Ed Fortner  
Chris Goham  
Brad Lee  
Melissa Melton  
Dorothy Radar  
Russ Rose  
Amanda Spalding  
Brent Tippey  
Mary Carol Wagner

### Infrastructure Sustainability (Joint)

Chair: Donna McNeil

Jory Becker  
Rob Campbell  
Annette DuPont Ewing  
Russell Neal  
Kim Padgett  
Kay Sanborn  
Joe Uliasz

### Operator Recruiting & Development (Joint)

Chair: Amanda Lefevre

Lisa Dethredge  
Annette DuPont Ewing  
Tom Gabbard  
David Goodrum  
Doug Kimbler  
Valerie Lucas  
Donna McNeil  
Melissa Melton  
Kay Sanborn  
Robin Strader  
Jessica Wilhoite

### Water Reuse (Joint)

Chair: Annette Dupont-

Ewing  
Jory Becker  
Ed Fortner  
Gary Larimore  
Valerie Lucas  
Rengao Song